

Title (en)

Photographic element containing a dir coupler

Title (de)

Photographisches Element, das einen DIR-Kuppler enthält

Title (fr)

Élément photographique contenant un coupleur DIR

Publication

EP 1014184 A2 20000628 (EN)

Application

EP 99204385 A 19991217

Priority

GB 9828438 A 19981224

Abstract (en)

A photographic element comprising a support bearing one or more silver halide emulsions, at least one of which comprises at least 50% silver chloride, in association with one or more image dye-forming couplers and one or more DI(A)R couplers of formulae I or II: <CHEM> wherein: Z is a moiety which can react with oxidized developer to release a coupling-off group; R1 is a hydrogen atom or a group selected from a halogen atom and an unsubstituted or substituted alkyl, aryl, alkoxy, aryloxy, alkyl- or aryl-thio, amino, alkyl- or aryl-amino, carbonamido, carbamoyl, alkoxy- or aryloxy-carbonyl, alkyl- or aryl-carbonyl, sulfonyl and sulfonamido group; each of the R2 substituents is a halogen atom or a group selected from an unsubstituted or substituted alkyl, aryl, alkoxy, aryloxy, alkyl- or aryl-thio, amino, alkyl- or aryl-amino, carbonamido, carbamoyl, alkoxy- or aryloxy-carbonyl, alkyl- or aryl-carbonyl, sulfonyl and sulfonamido group; X represents the atoms required to make a second ring which is aromatic and contains at least one nitrogen atom; n is from 0 to the number of carbon atoms in the second ring, with the proviso that if R1 is hydrogen, n is at least 1; TIME is a timing group and j is 0, 1 or 2, characterised in that the DI(A)R coupler(s) in association with an emulsion comprising at least 50% silver chloride comprises at least about 25% to about 90% of the total amount of coupler in association with that emulsion and the total amount of coupler is the sum of the number of moles of image coupler(s) and the number of moles of the DI(A)R coupler(s) in association with that emulsion.

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